

**Notice of Allowability**

Application No.

10/676,484

Examiner

DIANE D. MIZRAHI

Applicant(s)

ROSENSTOCK ET AL.

Art Unit

2165

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8-1-06.
2. ☒ The allowed claim(s) is/are 1-10, 13-27, 30-40 and 43-46.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|   | 9. <input type="checkbox"/> Other _____.   |

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Kevin Willis on July 31, 2006.

**The application has been amended as follows:**

Cancel Claims 11-12, 28-29 and 41-42.

Regarding Claim 1, (line 1) after "A" inserted -- "n InfiniBand architecture"-- (line 3) after "elements of the" inserted -- InfiniBand architecture --

Regarding Claim 1, (line 10) after "manager function initializes the", inserted -- InfiniBand architecture --

Regarding Claim 1, (line 11) after "set of database elements" inserted -- wherein the replicated set of database elements comprises a service record and wherein the service record comprises a lease time, wherein the master subnet manager function converts the lease time to a first end time, wherein the master subnet manager function converts the first end time to a remaining time, wherein the standby subnet manager included in the set of standby subnet manager converts the remaining time

and a local time at the standby subnet manager included in the set of standby subnet managers.--

Regarding Claim 13, (line 1) after "subnet of claim" deleted "10" and inserted --11--

Regarding Claim 17, (line 1) after "A" inserted -- "n InfiniBand architecture"--

Regarding Claim 17, (line 3), after "database elements of a" inserted "n InfiniBand architecture"--

Regarding Claim 17, (line 9) after "set of the database elements" inserted -- wherein the service record comprises a lease time, wherein the master subnet manager function converts the lease time to a first end time, wherein the master subnet manager function converts the first end time to a remaining time, wherein the standby subnet manager included in the set of standby subnet managers converts the remaining time to a second end time, and wherein the second end time is a function of the remaining time and a local time at the standby subnet manager included in the set of standby subnet managers wherein the master subnet manager function periodically decrements a lease time, wherein the lease time becomes a remaining time, wherein the standby subnet manager included in the set of standby subnet managers converts the remaining time to a second end time, and wherein the second end time is a function of the remaining time

and a local time at the standby subnet manager included in the set of standby subnet managers --.

Regarding Claim 31, (line 1) after "A"  
inserted -- "n InfiniBand architecture"--

Regarding Claim 31, (line 2), after "computer-readable"  
inserted - storage -

Regarding Claim 31, (line 13) after "set of the database elements" inserted wherein the replicated set of the database elements comprises a service record, wherein the service record comprising a lease time; the master subnet manager function converting the lease time to a first end time; the master subnet manager function converting the first end time to a remaining time; and the standby subnet manager included in the set of standby subnet managers converting the remaining time to a second end time, wherein the second end time is a function of the remaining time and a local time at the standby subnet manager included in the set of standby subnet managers.--

Regarding Claim 43, (line 1) deleted "41" and inserted --  
31 --.

**Allowable Subject Matter**

Claims 1-10, 13-27, 30-40 and 43-46 are allowed over the prior art made of record.

**Comments**

The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. In no case may an applicant reply outside the SIX (6) MONTH statutory period or obtain an extension for more than FIVE (5) MONTHS beyond the date for reply set forth in an Office action. A fully responsive reply must be timely filed to avoid abandonment of this application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

As allowable subject matter has been indicated, Applicant's response must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP section 707.07(a).

**Other Prior Art Made of Record**

The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure. U.S. patents and U.S. patent application publications will not be supplied

with Office actions. Examiners advises the Applicant that the cited U.S. patents and patent application publications are available for download via the Office's PAIR. As an alternate source, all U.S. patents and patent application publications are available on the USPTO web site ([www.uspto.gov](http://www.uspto.gov)), from the Office of Public Records and from commercial sources. For the use of the Office's PAIR system, Applicants may refer to the Electronic Business Center (EBC) at <http://www.uspto.gov/ebc/index.html> or 1-866-217-9197.

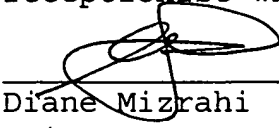
#### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diane D. Mizrahi whose telephone number is 571-272-4079. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on (571) 272-4146. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 305-3900 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.



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Diane Mizrahi  
Primary Patent Examiner  
Technology Center 2100

July 31, 2006